

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (cancelled).

Claim 2 (previously presented) An implant according to claim 9 characterized in that the length h of the cylindrical peripheral surface and the length h' of the side faces (30c) in the direction of the optical axis are not less than 150 μm .

Claim 3 (previously presented) An implant according to claim 9, wherein the spherical cap, on which are disposed the posterior optical surface of the circular optical portion and the posterior faces of the extensions, has a radius lying in the range of 11 mm to 13 mm.

Claim 4 (previously presented) An implant according to claim 9, wherein each haptic element forms an angle a lying in the range of 5° to 12° relative to the optical plane and directed towards said anterior face.

Claim 5 (previously presented) An implant according to claim 9, characterized in that the anterior optical surface is bounded by a circle having a diameter D0 that is less than the diameter D1.

Claim 6 (previously presented) An implant according to claim 2, characterized in that the anterior optical surface is bounded by a circle having a diameter D0 that is less than said diameter of said cylindrical peripheral surfaces.

Claim 7 (previously presented) An implant according to claim 3, characterized in that the anterior optical surface is bounded by a circle having a diameter D0 that is less than said diameter of said cylindrical peripheral surface.

Claim 8 (previously presented) An implant according to claim 4, characterized in that the anterior optical surface is bounded by a circle having a diameter D0 that is less than said diameter of said cylindrical peripheral surface.

Claim 9 (currently amended): A unitary single-piece intraocular implant for a capsular bag, said implant comprising:

a circular optical portion having

an optical axis,

a periphery having at least one connection zone extending over a significant part thereof,

an anterior optical surface,

a cylindrical peripheral surface having a diameter, and being disposed parallel to said optical axis, said cylindrical peripheral surface having a length h measured parallel to said optical axis, said cylindrical peripheral surface being uncovered by free of any other portion of the implant except in said connection zone, and

a posterior optical surface defined by a spherical cap;
at least one haptic element, each said haptic element having a posterior face and a connection end for connection to a respective one of said connection zones of said periphery of said optical portion; and

at least one radial extension disposed completely within each said connection zone between the circular optical portion and the haptic element and projecting out of said cylindrical peripheral surface, each said radial extension having

an anterior face,

a side face disposed on a ruled surface having a diameter D2, said diameter D2 being greater than said diameter of said cylindrical peripheral surface, said side face having a length h' measured parallel to said optical axis and being substantially equal to said length h of the cylindrical peripheral surface, and

a posterior face disposed in said spherical cap;

wherein said connection end of each said haptic element is connected to said periphery of said optical portion via said anterior face of a corresponding one of said radial extensions outside said anterior optical surface of said circular optical portion; and

whereby each said radial extension constitutes a step formed by the offset between said posterior optical surface of said circular optical portion and said posterior face of each said haptic element, and said side face of each said radial extension forms a square-edged portion with said posterior face of said radial extension.